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ABSTRACT

This compilation is one of a series produced through the combined efforts of the United States Office of Education/Environmental Education, coordinators for environmental education in the various states, and the ERIC Center for Science, Mathematics, and Environmental Education, in an attempt to collect and detail environmental education efforts throughout the nation. The series is assembled in geographical groupings, using combinations of the U.S. Office of Education regions. This fourth volume in the series includes Arkansas, Iowa, Kansas, Louisiana, Missouri, Nebraska, New Mexico, Oklahoma, and Texas. Environmental education information from these states is provided under the following headings: State Environmental Education Contact; State Plan Activities; School Programs and Activities (or Environmental Education Programs Funded); University and College Programs and Activities; Groups and Agencies with Interest in Environmental Education; Resource Materials Available; and Possible Resource People. Related documents are SE 017 101, SE 017 102, SE 017 103, and SE 017 105. (JR)

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STATE DIRECTORIES IN ENVIRONMENTAL EDUCATION

based on information supplied by

The United States Office of Environmental Education

and

State Coordinators for Environmental Education

Coordinated by

John F. Disinger and Beverly M. Lee

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ERIC Information Analysis Center for
Science, Mathematics, and Environmental Education
400 Lincoln Tower
The Ohio State University
Columbus, Ohio 43210

November, 1973

SE 017 104

PREFACE

This compilation is one of a series produced through the combined efforts of the United States Office of Education/Environmental Education (USOE/EE), coordinators for environmental education in the various states, and the ERIC Center for Science, Mathematics, and Environmental Education (ERIC/SMEAC), in an attempt to collect and detail environmental education efforts throughout the nation.

The compilation was begun in 1972 as part of a contract between USOE/EE and ERIC/SMEAC. Initial input was obtained from the files of the USOE/EE and assembled by Ms. Joan M. Nicholson, Ms. Catherine Barnett, and Mr. Andrew B. Rosenberg of that office, working under the direction of Mr. Paul Cromwell, USOE/EE, and Dr. John F. Disinger, ERIC/SMEAC.

Coordinators of environmental education at the state level were asked to review the information for their respective states in detail, and have made numerous additions, deletions, and other corrections. In cases where such a review was not obtained, information based on original 1972 data from USOE/EE has been utilized.

Because the field of environmental education is dynamic, many revisions have been necessary, and will continue to be so. Therefore, inaccuracies in this and other volumes in the series will generally reflect inability to keep up with change in the field, though doubtless other errors of both commission and omission will be noted. ERIC/SMEAC will appreciate any information regarding such errors, both to keep its own files updated and for future editions of these directories.

The series is assembled in geographical groupings, using combinations of the U. S. Office of Education regions, and is available only through Educational Document Reproduction Service (EDRS). Contents of each document are listed on the next page. Also noted for each entry is recentness of update information: entries not marked with asterisks have been updated since June 1, 1973; those marked by single asterisks were reviewed by state coordinators in late 1972 or early 1973; those marked by double asterisks have not been reviewed by state coordinators.

In addition to those named above, substantive assistance has been received from: George Lowe, USOE/EE; Robert W. Howe and Robert E. Roth, ERIC/SMEAC; Mrs. Robert L. Steiner and Mrs. Stanley L. Helgeson, typists; and coordinators for environmental education in the various states, as named within the individual entries.

John F. Disinger and Beverly M. Lee
Coordinators

November, 1973

This publication was prepared pursuant to a contract with the National Institute of Education, United States Department of Health, Education, and Welfare. Contractors undertaking such projects under Government sponsorship are encouraged to express freely their judgment in professional and technical matters. Points of view or opinions do not, therefore, necessarily represent National Institute of Education position or policy.

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Wyoming

* Entry updated by state coordinator between September 1, 1972 and June 1, 1973.

** No update information received from state coordinator; entry based on information supplied in Spring, 1972 by USOE/EE.

All other entries have been reviewed and updated by state coordinators for environmental education since June 1, 1973.

ARKANSAS

STATE E.E. CONTACT:

Dr. Bessie B. Moore
Supervisor of E.E.
State Department of Education
Little Rock, Arkansas 72201
(501) 371-2061

The Arkansas State Department of Education was awarded a grant for FY 1973 from the Office of E.E., Washington, D.C. The grant is for materials modification and curriculum implementation.

AGENCIES & GROUPS WITH INTEREST IN E.E.:

Arkansas Department of Pollution Control and Ecology
8001 National Drive
Little Rock, Arkansas 72209

To prevent, abate, and control all types of pollution and maintain the State's natural resources free from pollution.

Arkansas Council for the Social Studies
Daniel F. Price, Jr.
Arch Ford Education Building
Little Rock, Arkansas 72201

Co-sponsored a conference "The Environmental Social Studies Teacher," March, 1972.

Ozark Society Incorporated
Box 38
Fayetteville, Arkansas 72701

To promote the knowledge and enjoyment of the scenic and scientific resources of the Ozark Ouachita mountain region, and to help protect those resources for present and future generations.

Arkansas Ecology Center
316 Chester Street
Little Rock, Arknasas 72201
(501) 374-6271
Director: Pratt Remmel

Member of Ecology Center Communications Council

Society for Environmental Stabilization
118 Boles
Fayetteville, Arkansas 72701
Chairman: Delberte Plante
Media Coordinator: Robert Nelson

Received FY 1971 monies from the Office of E.E., Washington, D.C. for information and dissemination services. The Society undertook a variety of environmental activities aimed at raising the environmental conscience of the Arkansas citizenry, with special emphasis being placed on the mobilization of mass media.

The technical assistance and laboratory facilities for community recycling and pollution-monitoring projects were donated by the University of Arkansas.

Western Arkansas Planning & Development District, Inc.
510 North Greenwood
Fort Smith, Arkansas 72901
Executive Director: Lon J. Hardin
(501) 785-2651

This District hopes to establish a Western Arkansas Environmental Education Center.

POSSIBLE RESOURCE PERSONS:

Bob Apple
Executive Director
Arkansas Wildlife Federation
Dardanelle, Arkansas

Dr. Neil Compton
Ozark Society
Fayetteville, Arkansas

Billy Gresham
State Forester
Little Rock, Arkansas

Ladd Davies, Director
Pollution Control Commission
Little Rock, Arkansas

Miss Eva Evans
United States Forest Service
Hot Springs, Arkansas

W. J. Godbey, Director
Little Rock Environmental Education Project, NDEA, Title III
2000 Aldersgate Road
Little Rock, Arkansas 72205

Herbert O. Evans, Staff Conservationist
Soil Conservation Service
5401 Federal Building
Little Rock, Arkansas 72201

Judy Coffman
Arkansas Green Thumb Project
1922 West 6th Street
Little Rock, Arkansas 72201

Joe Parkhill, Director
Arkansas Apiary Board
3821 West Roosevelt Road
Little Rock, Arkansas 72204

Hanes Richardson
United Brewers' Association
1200 Mellon Street
Little Rock, Arkansas 72205

Austin Vines, Director
University of Arkansas Agricultural Extension Service
1201 McAlmont Street
Little Rock, Arkansas 72202

Art Cowley, Environmental Education Assistant
Ouachita National Forest
Federal Building
Hot Springs, Arkansas 72901

Tommy Jenkins, Project Director
Fayetteville Public Schools
1000 Stone Street
Fayetteville, Arkansas 72701

Bob James, Information & Education Officer
Ozark-St. Francis National Forest
Russellville, Arkansas 72801

Gene Jones, Project Man and Environment, Title III, NDEA
Dardanelle School District
Post Office Box 298
Dardanelle, Arkansas 72834

Joe Gillespie, Director
Economic Development Administration
Little Rock, Arkansas

W. E. Henderson, Director
Parks Recreation & Travel Commission
Little Rock, Arkansas

Dr. J. A. Harrell
State Health Officer
Arkansas Health Department
Little Rock, Arkansas

Dr. Lyle Hill
Executive Secretary
Quality Air & Water Users
Little Rock, Arkansas

Andrew Hulsey, Director
Arkansas Game & Fish Commission
Little Rock, Arkansas

Keith Jackson
Director, Arkansas Soil & Water Conservation Districts
Little Rock, Arkansas

G. H. Lackey, Chairman
Arkansas State Council on Economic Education

Elston Leonard
Advisory Council for Conservation Education
Little Rock, Arkansas

F. H. "Jim" Martin
Specialist in E.E. and Conservation Education
State Department of Education who devoted full time to the project in Arkansas funded under E.E. Act, FY 1971.

Bill Fulton & Emil Mackey are two new professional staff members added to the project staff as consultants in E.E. Both are former teachers with backgrounds in E.E.

Paul Meers
Advisory Council for Conservation Education
Little Rock, Arkansas

A. C. Mowery, Director
Rural Environmental Assistance Program
Little Rock, Arkansas

Mrs. Ila Nixon
Curriculum Consultant
Arkansas State Council on Economic Education

Mrs. Willie Oates, President
Arkansas Federation of Women's Clubs
Chairman, Conservation, Pulaski County
Little Rock, Arkansas

Dr. Sandra Perry
State Planning Commission
Little Rock, Arkansas

Helen Poe
Arkansas Audubon Society
Little Rock, Arkansas

Jerry Malone, Director
M. H. Russell Center of Economic Education
Henderson State College

Senator Lee Reaves, Director
Education Television
Conway, Arkansas

Einar Roget, State Conservationist
Soil Conservation Service
Little Rock, Arkansas

Leslie Wagenspack
United States Forest Service
Hot Springs, Arkansas

Dr. Barton Westerlund, Director
University of Arkansas Industrial Research
& Extension Center
Little Rock, Arkansas

IOWA

STATE E.E. CONTACT:

Duane Toomsen
Environmental Education Consultant
Department of Public Instruction
Grimes State Office Building
Des Moines, Iowa 50319
(515) 281-3264

John D. McBride
Office of Vice President for Educational Development and Research
University of Iowa
Iowa City, Iowa
(318) 353-3350

Director of Environment Clearinghouse, University of Iowa.

STATE PLAN ACTIVITIES:

A Governor's committee is presently involved with the development of a State Environmental Education plan. It is not federally funded.

SCHOOL PROGRAMS AND ACTIVITIES:

Project ECO
Mr. Jerry Dunn
Ames County School District
6th and Clark
Ames, Iowa 50010

Handicapped Children's Nature Study Center
Muscatine-Scott County School System
Paul Staskey, Director
1523 S. Fairmount
Davenport, Iowa

A Title III, ESEA project. The Handicapped Children's Nature Study Center and Outdoor Education for Special Education Programs were originally conceived in 1968; application for federal funds was made in 1969. $87,000 of Title III funds were granted over a three year period with approximately ½ to be allotted the first year for development of a six acre site adjacent to Fairmount School in southwest Davenport, lease of a building, and development of educational materials. The Center serves about 1,000 handicapped (mentally, physically, socially, emotionally, learning problems) throughout the Area IX School System. The purpose is to provide actual learning experiences in, about, and

for the out-of-doors for handicapped students throughout Area IX. Curriculum has been developed - "Observing Our Environment Through Our Five Major Senses - See, Feel, Hear, Smell, and Taste." It is designed for teachers of handicapped students as well as teachers of "normal" students. The guides are designed for use in any outdoor area.

Charlee Spain
Callanan Jr. High School
Des Moines, Iowa 50312

Mr. Spain teaches a 9th grade elective course called Environmental Studies.

Tom Bohen, Junior High Science
LeMars Junior High School
931 Third Avenue, S.W.
LeMars, Iowa 51031

Summer outdoor education program for junior high students.

Mr. Robert Hammon
Principal
Maquoketa Community High School
600 Washington
Maquoketa, Iowa 52060

A Title III, ESEA project. Upper Mississippi Valley Interdisciplinary Educational and Cultural Field Experience. This is a three-year program involving tenth and eleventh grade students from Jackson County. Students will be engaged in language arts, social studies and ecology projects as they travel by houseboat from Clinton, Iowa, to Lake City, Minnesota.

Lou Martino and Ross Anthony
Ottumwa Community High School
Second and College
Ottumwa, Iowa 52501

Environmental Problems course instructors.

Mr. David Kamellis
West High School
2901 Melrose Avenue
Iowa City, Iowa 52240

Environmental Studies instructor.

Mr. Robert Folts
Biology Teacher
Kennedy High School
4545 Wenig Road, N.E.
Cedar Rapids, Iowa 52402

Conducts multidisciplinary environmental education problems course.

Gene Armstrong
Abraham Lincoln High School
207 Scott Street
Council Bluffs, Iowa 51501

Environmental Problems instructor.

Mr. Lanny Zannata
West Central Elementary School
Maynard, Iowa 50655

Elementary outdoor education program.

Mr. Dick Faas
College Community School District
401 76th Avenue, S.W.
Cedar Rapids, Iowa 52401

Outdoor education program.

Mr. Bill Crandell
Science Teacher
Volga Junior High School
Volga, Iowa 52077

Outdoor classroom development.

Mr. Donald Menken, Director
Clayton County Outdoor Education Center
Elkader, Iowa 52043

Mr. Frank Starr, Director
Waterloo Outdoor Education Center
1516 Washington Street
Waterloo, Iowa 50702

Title I summer education programs 1973.

Roger Peterson
Mitchell County Conservation Board
Osage, Iowa 50461

Outdoor classroom development.

Mr. Milbert Krohn, Instructor
Spirit Lake High School
2000 Hill Avenue
Spirit Lake, Iowa 51360

Director Inland Water Studies Program. This is a student program dealing with water analysis and water problems on the Little Sioux River, Floyd River and Iowa Great Lakes.

Mr. Dave Johannes
Clarke Community School District
800 N. Jackson
Osceola, Iowa 50213

Outdoor classroom development.

UNIVERSITY AND COLLEGE PROGRAMS AND ACTIVITIES:

Urban and Regional Planning, Univesity of Iowa
c/o Roger Bolt, Resources Manager
350 Jessup Hall
University of Iowa
Iowa City, Iowa 52240
(319) 353-5001

Iowa Teachers Conservation Camp
Information and Education Section
State Conservation Commission
300 4th Street
Des Moines, Iowa 50319

Has been in operation for 22 years. Sponsored by the State Conservation Commission, State Department of Public Instruction, University of Northern Iowa, State Soil Conservation Service.

Iowa State Water Resources Research Institute
Don Kirkham, Director
Iowa State University
Ames, Iowa 50010
(515) 294-4264

The Institute was established in order to plan research and recommend allotments of money from the federal government and other sources for research. This research involves the training of university students, in particular those of graduate level, in water resources and environmental pollution.

Iowa Central Community College
Michael Thede
330 Avenue M
Fort Dodge, Iowa 50501

Mr. Thede is project director of activities leading to the development of an E.E. Center at the Iowa Central Community College to serve the entire community (with FY 1972, E.E. Act monies.)

GROUPS AND AGENCIES WITH INTEREST IN E.E.:

Des Moines Founders Garden Club

Members have been distributing conservation packets to school children in the Des Moines area for many years. They have published a phosphate content report for consumers use, and have been active in the campaign against persistent pesticides.

Des Moines Pollution Control Committee

In April, 1971 this committee was appointed by the City Council and is active in the study of metropolitan pollution problems. It consists of a 13-member commission representing environmental groups and industry working together to solve Des Moines' pollution problems. They have conducted public hearings on bottles and cans and on severe pollution in a local lake.

Des Moines Environmental Coordinating Council

This group was formed to coordinate activities of the many separate organizations that have expressed interest in environmental concerns in the Des Moines area. A monthly newsletter is published toward this goal, as well as open informative meetings for the general public. The group has served as coordinator for paper and glass recycling projects and for adult education courses, and is currently working toward establishing an E.E. Center. The group has been instrumental in bringing about the acquisition and preservation of a county wilderness area.

Environmental Teach-In Committee
Iowa State University
Ames, Iowa

They instituted a series of environmental symposiums for the 1969-70 school year at Iowa State University topped off by Earth Week, April 20-25, including addresses by Senator Harold E. Hughes and Dr. Paul Ehrlich.

Environtology Council
Iowa State University
Ames, Iowa

The Environtology Council's goal is to define, study, and resolve environmental problems by bringing together scientists and educators and developing an informational and educational program.

Health Planning Council of Central Iowa

The long-range goal of the committee should be to determine all factors that affect "environmental protection goals and programs."

Iowa Committee for Environmental Information

The ICEI is currently developing a speaker's bureau made up of members of the organization who have expertise in the various subjects combined under the term ecology.

Iowa Confederation of Environmental Organizations
David Trauger, Chairman
Box 1147
University Station
Ames, Iowa 50010

The ICEO represents 54 affiliated organizations representing 38,800 individuals concerned with environmental quality and conservation. The organization disseminates information, coordinates various activities, and provides legal, political, and scientific advice to members.

Iowa State Education Association

The ISEA sponsored a Conference on Pollution and E.E. May 2, 1970 at Drake University. A coupon appearing in the August issue of their monthly newsletter advertised free environmental material for which they received 495 requests. Material sent was "Environmental Health and Pollution Control" and "The Politics of Pollution." The Des Moines

Register and Tribune was instrumental in supplying support both in promoting the conference and in supplying material for the conference. The ISEA has requested teachers from all state schools to send descrip tions of successful environmental programs in their local schools. These reports will be **compiled** and published in the quarterly "Midland Schools" magazine.

Committee Opposed to Highway 30 Relocation
c/o Paul J. Haerther, Treasurer
Atkins, Iowa 52206
(319) 446-5232

Junior League of Des Moines, Inc.

The Junior League is a service organization aimed at training its members in voluntary service and educational programs. One project has been a nationwide study of the environment based on surveys made in each of 217 representative cities by members of local chapters.

Zero Population Growth - Newton
c/o Dennis Rutledge
2 South Hampton Court
Newton, Iowa 50208
(515) 792-4948

Polk County Environmental Action - Zero Population Growth

Plymouth Ecology Club

Projects of Plymouth Ecology Club include a study of phosphates and enzymes in detergents, a comprehensive study of LP gas versus gasoline for use in fleet vehicles, and public transportation problems. Sponsored city wide recycling project throughout the school system and was instrumental in the development of a recycling center for central Iowa.

Environmental Engineering Service
Iowa State Department of Health
Lucas State Office Building
Des Moines, Iowa 50319

Furnishes technical advisors to the Air and Water Pollution Control Commissions.

The Junior Chamber of Commerce

The Jaycees created a Subcommittee on Environmental Quality Control to their Standing Committee on Governmental Action, with the purpose of studying the problems of and approaches to environmental quality control in Iowa and making recommendations or taking public stands thereon, acting as a community interest group.

The Des Moines Public Schools

The Department of Adult Education sponsors night classes entitled "Environmental Ecology." These classes cover many different aspects of man and his effect on his environment.

Science Education Center
University of Iowa
Iowa City, Iowa 52240
Coordinator of Science Education: Robert Yager
(319) 353-3600

Iowa Conservation Commission
300 4th Street
Des Moines, Iowa 50319
Director: Fred Priewert

He has developed a Conservation Education Center (Box 139, Guthrie Center, Curtis Powell, Director, (515) 747-8380). The Center "is designed to facilitate the training of teachers conservation personnel, community leaders and other individuals and groups in the principles of conservation and natural resource use."

Environmental Coordinating Council
512 Ninth Street
Des Moines, Iowa 50309
Chairman: Dennis O'Brien

American Association of University Women

The Des Moines Branch of the AAUW was initially responsible for the creation of the Environmental Coordinating Council.

Projects have included training and utilization of lobbyists in the Iowa State Legislature on such topics as abortion reform and water pollution. This group has designed and are distributing, via volunteers, an educational unit for grades K-3.

Environmental and Pollution Control Council Inc.
1901 Orchard Street
Burlington, Iowa 52601

Council of Churches Ecology Task Force
Des Moines, Iowa

Zero Population Growth - Cedar Rapids
B-505 Coe College
Cedar Rapids, Iowa 52402
(319) 363-6005

Iowa Chapter of the Wildlife Society
c/o Richard Bishop
State Fish Hatchery
Clear Lake, Iowa 50428
(515) 357-5046 or 357-3517

Cooperative efforts of many groups have been instrumental in the opening and operation of a recycling center by the Coca Cola Bottling Company in Des Moines.

Waverly Sierra Club
c/o Elaine Lajko, Chairman
215 7th Avenue, N.W.
Waverly, Iowa 50677
(319) 352-2645

Woodbury County Museum Project
Sioux City, Iowa

Story Co. Citizens for a Better Environment - ZPG
c/o David Trauger, Chairman
P. O. Box 1135, University Station
Ames, Iowa 50010
(515) 232-6394 or 294-7252

State Conservation Commission
300 4th Street
Des Moines, Iowa 50319

Information and Education Section has information on Iowa Teachers Conservation Camp.

Iowa Conservation Education Council, Inc.
Bernard L. Clausen
Midwest Coordinator
Department of Biology
University of Northern Iowa
Cedar Falls, Iowa 50613
(319) 273-2276

The Council endeavors to encourage and lead the development and practice of a widespread and effective conservation program of education in Iowa. Members consist of official representatives from federal, state, and private organizations as well as individuals who express concern with conservation in Iowa.

Highlight of each year's program is a workshop held each fall for Iowa teachers at which time presentations of material and techniques are available to assist educators in developing a better program of teaching conservation education.

For membership information:
Dr. Frank W. Schaller
Secretary-Treasurer, Iowa Conservation Education Council Inc.
117 Agronomy Building
Iowa State University
Ames, Iowa 50010

Soil Conservation Society of America
H. Wayne Pritchard, Director
7515 N.E. Ankeny Road
Ankeny, Iowa 50021
(515) 266-1321

The Society is "dedicated to the promotion and advancement of renewable natural resources conservation to the end that water, soil, grass, forests, and wildlife in abundance may be used and enjoyed by mankind forever. The objectives of the Society are the development and advancement of the science and art of good land use and management and the promotion of soil, water, and related renewable natural resources." Members seek to educate the people to these ends in order to secure the preservation and enjoyment of these resources forever.

Conservation Educational Center

Adjoins Springbrook State Park. Iowa Teachers Conservation Camps have been conducted here.

Interinstitutional Committee on Environmental Studies

The Committee was established in 1970/Membership 1971-72: B.L. Clausen, University of Northern Iowa; J.D. McBride, University of Iowa; J. J. O'Toole, Iowa State University (Chairman). The responsibility of the Committee is to develop a plan for coordinating programs at the three state universities to make optimal use of educational resources and to avoid duplication of curricular developments; it requests responsibility for coordinating development of a comprehensive plan (state) for E.E. in Iowa.

RESOURCE MATERIALS AVAILABLE:

Listing of University of Iowa men and women with research interests in E.E.; 1971 Environmental Inventory of the University of Iowa.

Newsletter: Iowa Conservation Education Council, Inc. Newsletter (of the 10 Conservation Education Councils whose chairman is Dr. Paul H. Joslin, 312 Memorial Hall, Drake University, Des Moines, Iowa 50311). Ben Clausen is editor, and he welcomes reports of activities and programs in E.E. He invites readers to make suggestions or volunteer to write features. His address: Biology Department, University of N. Iowa, Cedar Falls, Iowa 50613.

Conservation and You, An Ecological and Experimental Approach and Conservation II

Ecology courses outlines by H. G. Lincoln, instructor, Maquoketa Valley Community School, Delhi, Iowa. Cover: biological conservation, water conservation, soil, air pollution, mineral conservation, forest, grassland, wildlife conservation, recreational resource values, chemical pollution, role of nuclear science in conservation, population dynamics, home and yard conservation, agriculture conservation, etc.

POSSIBLE RESOURCE PEOPLE:

Robert Goss
Professor of Biology
University of Northern Iowa
Cedar Falls, Iowa 50613

Bernard Clausen
Director Iowa Teachers Conservation Camp
Biology Department
University of Northern Iowa
Cedar Falls, Iowa 50613

Dennis Harken, Superintendent
Room 302, Courthouse
Sioux City, Iowa 51101

H. G. Lincoln, Instructor
Maquoketa Valley Community School
Delhi, Iowa 52223

He has written and taught environmental courses.

Chalmer Roy, Dean
College of Sciences and Humanities
Iowa State University of Science and Technology

Member of Science Advisory Committee, Earth Science Education Program.

Mr. Dale E. Strotman
Superintendent of Schools
Bettendorf Community School District
Bettendorf, Iowa 52722

Gordon A. Willard
Fort Dodge Community Schools
5 North 16th Street
Fort Dodge, Iowa 50501

Mrs. Phyllis Singer
Women's Editor, Waterloo Daily Courier
Waterloo, Iowa 50701
(319) 234-3551 or
(319) 233-5659

She is a member of the National Advisory Council on E.E. She reports on health, food, and protection of consumers. She also serves of Waterloo's Chamber of Commerce Public Relations and Convention Committees.

Duane Toomsen
E.E. Consultant
Department of Public Instruction
Des Moines, Iowa 50318

Dr. William Sharp
Science Education Department
University of Iowa
Iowa City, Iowa 52240

Mr. Larry Benne, Director
Woodbury Science Program
Sioux City School District
1221 Pierce Street
Sioux City, Iowa 51105

Donald Jurgs, Director
Bettendorf Outdoor Education
635 21st Street
Bettendorf, Iowa 52722

KANSAS

STATE E.E. CONTACT:

Clayton Stultz
Program Specialist, Economic Education
State Department of Public Instruction
120 E. 100th Street
Topeka, Kansas 66612
(913) 296-3918

SCHOOL PROGRAMS AND ACTIVITIES:

Nature Trail and Outdoor Laboratory
C. Dabney Lawhorn
Turner Unified School District
1800 South 55th Street
Kansas City, Kansas 66106

Seaman Outdoor Education
Mr. Phillip Thomas, ESEA Title III Coordinator
Topeka, Kansas
(913) 296-3128

Environmental Education Demonstration Project
Donald French, Coordinator
Instructional Resource Center
1601 Van Buren Street
Topeka, Kansas 66612

Outdoor Education
Larry L. Bowser
1124 West Lyman
Topeka, Kansas 66608

"Cooperative Learning Through Environmental Activities in Nature"
Arzell Ball, Director
Shawnee Mission Unified District No. 512
7235 Antioch Street
Shawnee Mission, Kansas, 66204

Received FY 1971 Title III Funds allocated to E.E. An environmental education program was to have been established which would eventually serve the entire school district. The program included cross-curricular involvement, interaction among children at all grade levels, indoor-outdoor ecological study, urban-suburban-rural-underdeveloped area field studies, and cooperative use of existing county park facilities and non-profit outdoor education foundation facilities, and an environmental education laboratory cooperatively developed.

"Environmental Education Demonstration Project
Merle R. Bolton, Director
Unified School District No. 501
Topeka, Kansas 66603

Received $117,354 in FY 1971 Title III funds allocated to E.E. An interdisciplinary environmental educational program was to have been established. The program included field trips where students would have made on-site investigations of various aspects of the environment. When they return to the classroom, the students develop solutions to environmental problems encountered on their trips. Handicapped children participate in the program. Inservice training is provided for teachers.

UNIVERSITY AND COLLEGE PROGRAMS AND ACTIVITIES:

Institute for Environmental Research
Dr. Frederick H. Rohles, Jr.
Associate Director
Kansas State University
Manhattan, Kansas 66502
(913) 532-6456

The Institute was created in order to determine human responses to thermal environments that affect health, comfort, learning, and productivity. It conducts air pollution and fine particle research relating to health and comfort as well as biomedical engineering research. It collects and disseminated data covering all aspects of environmental engineering. The Institute also offers graduate degrees in environmental engineering and provides research and service for the air-conditioning industry.

Kansas Academy of Science
Dr. Robert J. Robel, Secretary
Division of Biological Sciences
Kansas State University
Manhattan, Kansas 66502
(913) 532-6251

The Academy functions to stimulate communication among scientists in promoting science and technology, publishing scientific information, and improving science education. It also attempts to interest the youth of Kansas in science, and it fosters the interaction of science and technology with other sectors of society in an effort to solve major social and environmental problems.

Dwight R. Platt
Bethel College
North Newton, Kansas

Mr. Platt is project director of activities leading to the development of a process curriculum for family education, with FY 1972 monies under the E.E. Act.

Mr. Douglas K. Nelson
c/o Dr. Walter Bernhart
Department of Aeronautical Engineering
Wichita State University
Wichita, Kansas 67208

He did a study "Determination of Levels and Distribution of Noise in Wichita, Kansas" and reported on it at the December, 1971 meeting of the American Association for the Advancement of Science.

Mr. Edwin J. Spicka
c/o Dr. Ronald W. Turner
Department of Biology
St. Benedict's College
Atchison, Kansas 66002

He did a study "Air and Water Pollution in the Atchison, Kansas, Area" and reported on it at the December, 1971 meeting of the American Association for the Advancement of Science.

South Central Kansas Environmental Education Center

North Newton, Kansas 67117

In the fall of 1971 the Center established an Environmental Library for the purpose of collecting, organizing, and disseminating information to the residents and particularly the students and teachers of south central Kansas. Since the spring of 1970 a groups of students, teachers, administrators, and industrial representatives have been meeting to discuss how the need for environmental education programs in south central Kansas can best be met. For further information contact: Dwight Platt, Professor of Biology, Bethel College, North Newton, Kansas 67117, (316) 283-2500 Ext 27.

Environmentalists
Eugene Fairchild, Sponsor
Kansas State College, Biology Department
Pittsburg, Kansas 66762
(316) 231-7000 Ext 329 or 253

Department of Human Ecology
Edward DeFoe, Chairman
University of Kansas Medical School
39th and Rainbow
Kansas City, Kansas 66103
(913) 236-5252 Ext 851

GROUPS AND AGENCIES WITH INTEREST IN E.E.

Kansas Advisory Council on Environmental Education (KACEE)

KACEE is a very large group made up of people from all the state agencies which are related to environmental education, along with many people from each school district, and other concerned citizens. It meets annually. Directors of the Council are:

Mr. Charles Gray
Soil Conservation Committee
12th Floor - State Office Building
Topeka, Kansas 66612
(913) 296-3600

Dr. Paul Hilpmen
State Geological Survey
University of Kansas
Lawrence, Kansas 66044
(913) 864-4014

State Department of Health
State Office Building, 5th Floor
Topeka, Kansas 66612

State water pollution control agency.

Water Resources Board
1134-S, State Office Building
Topeka, Kansas 66612

Turner Nature Trail
Lloyd Fugate
724 S. 53rd Street
Kansas City, Kansas 66106

POSSIBLE RESOURCE PEOPLE:

D. Garlovsky
Environmental Education Teacher
District 14 Education Council
5014 South Lake Park Avenue
Kansas 60615
(312) 288-6021 Ext 22

Mr. Neil Miller
Coordinator of Science
Wichita Public Schools
640 N. Emporia
Wichita, Kansas 67714

Mr. Lynn Myers
Perry Project Officer
Corps of Engineers
Route 1, Box 62
Perry, Kansas 66073

Dr. Neil Walker
Ft. Hays Kansas State Teachers College
Hays, Kansas 67601

Dr. Maurice H. Witten
Ft. Hays Kansas State Teachers College
Hays, Kansas 67601

Mr. Phillip Thomas
ESEA Title III Coordinator
Topeka, Kansas
(913) 296-3128

Virginia Lockhart
Director of Health and Education
State Board of Education
Topeka, Kansas
(913) 296-3571

Mel Gray
Director of Human Environment
Topeka, Kansas
(913) 296-3821

Mr. Robert King
Secondary Science Specialist
1601 VanBuren
Topeka, Kansas 66603

Mr. U. H. Budd
Federal Projects Officer
State Department of Education
120 E. 10th Street
Topeka, Kansas 66612

Dr. Samuel Keys
Dean, School of Education
Kansas State University
Manhattan, Kansas 66802

Mr. Thad Whiteaker
Topeka Public Schools
The Administration Building
415 West 8th Street
Topeka, Kansas 66603

Larry Bowser
Seaman Outdoor Laboratory
USD #345
Topeka, Kansas 66612

Burton Dudding
Department of Human Ecology
University of Kansas Medical Center
Kansas City, Kansas 66103

Dr. Garry Church
Director of Education Services Division
Kansas State College
Pittsburg, Kansas 66762

Dr. Harold Durst
Professor of Biology
Kansas State Teachers College
Emporia, Kansas 66801

LOUISIANA

STATE E.E. CONTACT:

Dr. Edward W. Dayton, Jr.
Supervisor, Environmental Education
Louisiana State Department of Education
P. O. Box 44064
Baton Rouge, Louisiana 70804
(504) 389-5627

SCHOOL PROGRAMS AND ACTIVITIES:

Outdoor Education and Natural Sciences Areas
Dr. E. W. Dayton, Jr.
P. O. Box 44064
Baton Rouge, Louisiana 70804

Teacher inservice workshops are being conducted throughout the State using the natural resources materials developed by the U.S. Forestry Service.

Environmental Education Curriculum Development Program for Children & Adults
Mr. Isadore Inman, Jr., Director
St. Martin Parish School Board
Rene Calais, Superintendent
305 Washington Street
St. Martinville, Louisiana 70582

A program designed to develop methods of introducing environmental studies into the parish school system.

UNIVERSITY AND COLLEGE PROGRAMS AND ACTIVITIES:

Water Resource Center
Dr. Bobby E. Price, Director
Louisiana Polytechnic Institute
Ruston, Louisiana 71270
(318) 257-3546

The Center provides a nucleus for the interdisciplinary study of developments in the area of water resources and also serves to expand the areas of education, research, and service. In addition, it offers a liaison between the University and governmental agencies, municipalities and industry, as well as with the general public.

Institute for the Environmental Sciences
Dr. Philip W. West, Director
Louisiana State University
Baton Rouge, Louisiana 70803
(504) 388-2270

The Institute was created for the Louisiana State University System to encourage and support various efforts in environmental studies. The Institute encompasses the University System and urges cooperative efforts within the various branches of the University.

Environmental and Resource Education
Dr. William Knipmeyer
Northwestern University
Natchitoches, Louisiana 71457

Environmental and Resource Education
Irvin Mansil, Professor
Southeastern State University
Hammond, Louisiana 70402

Center for Environmental Sciences
Dr. Frank W. McDonald, Chairman
Environmental Health Department
Tulane University
New Orleans, Louisiana 70112
(504) 865-7711

The Center conducts research and education programs in all areas of environmental health including water and waste treatment, air pollution, radiological health, stream pollution, occupational health, industrial waste treatment, food sanitation, insect control, etc.

GROUPS AND AGENCIES WITH INTEREST IN E.E.:

New Orleans Area Health Planning Council
802 Masonic Temple Building
333 St. Charles Avenue
New Orleans, Louisiana 70130
Executive Director: Robert T. Jones
(504) 525-6237

E.E. - Natural History Museum
Mrs. Beverly Latimer
637 Girard Park Drive
Lafayette, Louisiana 70501

Bureau of Outdoor Recreation
State Parks and Recreation Commission
Baton Rouge, Louisiana 70821

The Commission is a member of the Louisiana chapter of the Conservation Education Association.

Ecology Center of Louisiana
Box 15149
New Orleans, Louisiana 70115
(504) 895-5784

Member of Ecology Center Communications Council

Raymond Mesler
Louisiana Council for Music and Performing Arts, Inc.
611 Gravier Street
New Orleans, Louisiana 70130
(504) 347-8505

Mr. Mesler is project director of activities leading to the development of curriculum materials for training inservice teachers to use art as an approach to environmental education, with FY 1972, E.E. Act monies.

Bureau of Environmental Health
Louisiana State Department of Health
P. O. Box 60630
New Orleans, Louisiana 70160

State Department of Conservation
P. O. Box 44275
Capitol Station
Baton Rouge, Louisiana 70804

BREC Md. Park Commission
Eugene Young
855 Florida Street
Baton Rouge, Louisiana 70814

MISSOURI

STATE E.E. CONTACT:

Mr. Jack Roy
Director of Curriculum Implementation
State Department of Education
Box 400
Jefferson City, Missouri
(314) 635-8125

Mr. Clarence Billings
President, Conservation Education Association
Superintendent of Education
Missouri Department of Conservation
P. O. Box 180
Jefferson City, Missouri 65101
(314) 893-2626 Ext. 250

Mike Milonski, Chief
Missouri Game Division
Department of Conservation

Environmental Education Staff: Mr. Roy assumed his duties in Environmental education as of December 1, 1973. He is the only staff member of the Department officially concerned with E.E. Mr. Billings is also concerned with E.E. but through the Department of Conservation. He has a full-time staff of twelve.

STATE PLAN ACTIVITIES:

The State Department of Education submitted a state plan proposal for E.E. funding in 1972. The plan was rejected. The Department, however, will initiate the plan as far as state funds permit.

E.E. PROGRAMS FUNDED FOR 1972:

Committee for Environmental Information
Environment Magazine
438 N. Skinker Blvd.
St. Louis, Missouri 63130
Contact: Dorothy Cottrell

The Committee is developing written supplemental curriculum materials for the secondary schools.

Committee for Environmental Information
Environment Magazine
438 N. Skinker Blvd.
St. Louis, Missouri 63130
Contact: Penelope Royse

The Committee plans to develop written supplemental curriculum materials for industrial workers.

SCHOOL PROGRAMS AND ACTIVITIES:

Verlin M. Abbot
Director, E.E. Projects
Parkway School District
455 N. Woods Mill Road
Chesterfield, Missouri 63017

Developing curriculum for K-12.

UNIVERSITY AND COLLEGE PROGRAMS AND ACTIVITIES:

Mid-Continent Regional Educational Lab
(McRel)
104 E. Independence Avenue
Kansas City, Missouri 64106
(816) 221-8686

The Lab is involved in developing "inquiry training for teachers." They have an Inner City Teacher Education Program which helps colleges and public schools prepare teachers for urban schools.

Center for the Biology of Natural Systems
Washington University

A research and training center in the environmental health sciences. It has 100 personnel working on various phases of environmental problems and they are committed to developing E.E. programs at the graduate level. The Center has a great deal of experience in problem solving education. In cooperation with other programs CBNS has sponsored environmental programs in the summer of 70 and 71 involving high school students and teachers and has included high school students as part of some of its task forces.

Central Midwestern Regional Education Lab, Inc. (CmRel)
10646 St Charles Rock Road
St. Ann, Missouri 63074
(314) 429-7862

Included in the program of the Central Midwestern Regional Education Lab is an Environmental Studies Curriculum.

GROUPS AND AGENCIES WITH INTEREST IN E.E.:

Missouri Youth for Environmental Quality
P. O. Box 11671
Clayton, Missouri 63105
(314) 725-0297

A cooperative effort of 11 major youth-serving agencies which has been in existence since 1971. It issues bulletins periodically detailing activities.

Arboretum and Nature Reserve
Missouri Botanical Gardens
P. O. Box 93
Gray Summit 63039
(314) 742-4411
(314) 865-0440 Station 33

The Missouri Botanical Garden is developing the property as a center for E.E.

Citizens Environmental Council
Kansas City, Missouri

Environmental Response
P. O. Box 1124
Washington University
St. Louis, Missouri 63130

Red Bud Chapter
Junior Ecologists of America
Lisa Mynatt, Treasurer
712 S. Peachtree Avenue
Springfield, Missouri 65802

Citizens for Environmental Action
Bille L. Mynatt, Chairman
712 S. Peachtree Avenue
Springfield, Missouri 65802

Committee for Environmental Information
438 N. Skinker Blvd.
St. Louis, Missouri 63130

One of SIPI's affiliated science information centers. Edits and publishes Environment magazine.

Coalition for the Environment
319 N. Fourth Street
St. Louis, Missouri
(314) 421-6773

Environmental Research and Development Foundation
4948 Cherry Street
Kansas City, Missouri
(816) 931-2436

An inter-disciplinary organization established in 1965 as a non-profit corporation. Formerly "Environmental Research Foundation."

Conservation Federation of Missouri
Ed Stegner, Executive Secretary
312 East Capitol Avenue
Jefferson City, Missouri 65101
(314) 635-7188

The purpose of the Federation is to encourage the intelligent management of the life sustaining resources of the earth - productive soil, water resources, protective forests, plant life, wild life - and to promote the knowledge and appreciation of these resources, their interrelationships, and wise use without which there can be little hope for continuing abundant life.

Environmental Research and Development Fund
301 E. Armour Blvd.
Kansas City, Missouri
(816) 931-2437

Conservation Education Association
Clarence Billings
Superintendent of Education
Missouri Department of Conservation
P. O. Box 180
Jefferson City, Missouri 65101

A national, educational, non-profit citizen's organization "committed to helping the children of the nation to acquire a basic understanding of their total environment so that as adults they will recognize their interdependencies with all life." With financial assistance from the Conservation Foundation, CEA has published KEYS TO CONSERVATION EDUCATION, a series of seven pamphlets dealing with characteristics of a good local conservation education program, suggested structure for state programs, suggestions for evaluating a conservation program, pointers on preparing conservation education materials for school use, and a bibliography of films and filmstrips, and others. CEA has been involved in development of programs, conferences and workshops with national, regional, and state organizations like the National Association of Soil and Water Conservation Districts, the Pinchot Institute for Conservation Studies, and Natural Resources Council of America. Membership includes public school and college teachers, school administrators, individuals involved in conservation education work with state and federal agencies, industrialists and agriculturalists, and members of educational committees of several national organizations. Services to members include a bimonthly CEA newsletter, reports of annual work conferences, a packet of conservation education publications from many sources, distribution of all new CEA publications, and special reports of conferences in which CEA has participated.

The Association for Environmental Improvement
319 North 4th Street
St. Louis, Missouri 63102

POSSIBLE RESOURCE PEOPLE:

David E. Bedan
Director, Institute of Environmental Studies
St. Louis University
St. Louis, Missouri

Dr. Harold Blackburn
U.S. Office of Education
601 E. 12th Street
Kansas City, Missouri 64106

Dr. Jack Carmichael
Central Missouri State College
Warrensburg, Missouri 64093

Dr. Walter Heidlage
University of Missouri
410 Clark Hall
Columbia, Missouri 65201

Mr. William Schwarting
Assistant Director
Museum of History and Science
3218 Gladstone Boulevard
Kansas City, Missouri 64123

Mr. William Young
University of Missouri
Collumbia, Missouri 65201

Dr. John Belshe
Central Missouri State College
Biology Department
Warrensburg, Missouri 64093

Bruce Boggs
U.S. Government, Office of Education
601 E. 12th Street
Kansas City, Missouri 64106

Dr. Dennis Carrille
Education Project Office
Kansas City Model Cities Agencies
414 E. 12th Street
Kansas City, Missouri 66212

Dr. Dean Rosebery
Head of Division of Science
Northeast Missouri State College
Kirksville, Missouri 63501

Mr. J. Dick Youse
National Park Service
11 North 4th Street
St. Louis, Missouri 63102

Mr. Michael Millenson
P. O. Box 3351
6515 Wydown Boulevard
Clayton, Missouri 63105

Member of National Advisory Council in the Office of E.E./Office of Education, H.E.W.

Mr. Carleton B. Fulbright
State Director of NDEA, Title III

Alan McGowan
Scientific Administrator
Center for the Biology of Natural Systems
Washington University
St. Louis, Missouri 63130

Sam G. Landfather, Director
The Summen Foundation
St. Louis, Missouri 63143

Wrote on the world population crisis for a National Association of Biology Teachers publication

Clarence T. Lange
Clayton High School
Clayton, Missouri 63105

Professor Barry Commoner
Washington University
Lindell and Skinker Blvd.
St. Louis, Missouri 63130

Bill Rosen
EEO Reading Room
101 Lefevre Hall
University of Missouri
Columbia, Missouri 65201

Member of Ecology Center Communications Council.

Stuart Leiderman
Environmental Response
P. O. Box 1124
Washington University
St. Louis, Missouri 63130

Member of Ecology Center Communications Council.

Stanley Spector
Washington University
St. Louis, Missouri

Curriculum Specialist

Verlin Abbott
President, Science Teachers of Missouri
Director, Title III, ESEA
Chesterfield, Missouri

John Belshe, Instructor
Biology Department
Central Missouri State College

John Fichter
Resource Conservationist
U.S. Department of Agriculture
Soil Conservation Service

James Freeman
Head, Department of Agriculture
Lincoln University

Harry Gregory
Educational Director
Kansas City Zoo
Educational Chairman, Citizens Environment Council

Neil Jenkins
Conservation Education Consultant
Department of Conservation

Roger Kirkman
Biologist, U.S. Forest Service

Donald Mandell
Instructor, Webster College
Representative, Committee for Environmental Information
St. Louis, Missouri

Clara Mutshnick, President
Missouri Council of Social Studies

Dean Rosebery, Chairman
Science Department
Northeast Missouri State College
Kirksville, Missouri

Harvey Shell, Executive Secretary
Air Conservation Commission

Jack Smith, Executive Director
Missouri Water Pollution Board

Clifford Summers, Executive Director
Missouri Water Resource Board

NEBRASKA

STATE E.E. CONTACT:

Fred Curtis
Consultant, Science and Mathematics
State Department of Education
233 South Lent Street
Lincoln, Nebraska
(402) 471-2477

Dr. Larry Holcolmb
Quality Environment Council
Bellvue, Nebraska
(402) 291-3438

STATE PLAN ACTIVITIES:

The state has no state plan for environmental education.

E.E. PROGRAMS FUNDED FOR 1972:

Fontenelle Forest Nature Center
A Regional Nature Center
1111 **Bellevue Blvd.**
Bellevue, Nebraska 68005
(402) 731-3140
Executive Director: James M. Malkowski

SCHOOL PROGRAMS AND ACTIVITIES:

Sixth Grade Outdoor Education Program
Mr. Stan Anderson
Millard High School
14905 Que Street
Millard, Nebraska 68137
(402) 333-2800

Sixth Grade School Camping
Mack Peyton
Chadron State College
Chadron, Nebraska 69337

Sixth Grade Outdoor Education Program
Mr. Robert Telick
Prairie Lane Elementary School
114th and Hascall
Omaha, Nebraska 68144
(402) 333-4639

Environmental Field Studies
Larry Hardt
Valley View Junior High School
3534 South 108th
Omaha, Nebraska 68144
(402) 393-4600

GROUPS AND AGENCIES WITH INTEREST IN E.E.:

State Department of Environmental Control
411 S. 13th Street
Lincoln, Nebraska 68508

State Department of Health
State House Station
P. O. Box 94757
Lincoln, Nebraska 68509

OSACS Science Center
316 S. County Road
Gretna, Nebraska 68028
J. Bruce Holmquist, Project Director
332-3375

Quality Environment Council of Nebraska and Western Iowa
Harry Holcomb, Chairman
P. O. Box 7025
Omaha, Nebraska 68107

Member of the Consortium of E.E. Councils of the AAAS Commission on Science Education. It has as its purpose the "conservation and improvement of the environment of the areas it serves by informing industry, government and the public of natural and environmental problems affecting human survival. Leaders in the scientific, academic, and professional communities were instrumental in organizing the Council. Its policy-making Board of Directors includes naturalists, biologists, chemists, physicians, attorneys, engineers, agriculturists, homemakers, and businessmen."

POSSIBLE RESOURCE PEOPLE:

Neil Peterson
Lincoln District Ranger
U.S. Forest Service

J. Bruce Holmquist, Ed.D.
Project Director
OSACS Science Center
316 South County Road
Gretna, Nebraska 68028
332-3375

NEW MEXICO

STATE DEPARTMENT OF EDUCATION CONTACT:

Mr. B. J. Graham
Science and Conservation Specialist
New Mexico State Department of Education
Capitol Building
Sante Fe, New Mexico 87501
(505) 827-2575

STATE PLAN PROGRESS:

There is no state plan. An Environmental Education Manual for Teachers was developed and has been distributed to teachers in the state. Mr. Graham's staff is very small and they have a small amount of funds.

ENVIRONMENTAL EDUCATION FUNDED PROGRAMS FOR 1972:

Abe Plummer
Ramah Navajo High School
Box 248
Ramah, New Mexico 85321
This program will develop a curriculum for use in secondary Indian Schools.

SCHOOL ACTIVITIES:

Roswell Public Schools:
This program includes a geology museum, teacher training, field trips and science courses.

Albuquerque Public School Outdoor Education Center
John Cox, Director
Box 1927
Albuquerque, New Mexico 87103
(505) 842-3662

Mike White, Director of Instruction
This school system has a three phase teacher training program (in-service, pre-site, on-site training) which is geared at sensitizing fifth and sixth grade students towards the environment. The center, located on 38 acres in the mountain region, concentrates its efforts in four main areas of man and his environment: (1) change, (2) adaptation, (3) interaction and interdependence and (4) varieties and similarities.

GROUPS AND AGENCIES INTERESTED IN ENVIRONMENTAL EDUCATION:

Department of Parks and Recreation
P.O. Box 760
Las Cruces, New Mexico 88001
During the past year this department has been attempting to establish an environmental study area for school children and interested citizens of the Las Cruces area. Due to lack of funds in both the Parks and Recreation Department and the Las Cruces Public School System, a program of this type has not been officially funded. The Parks and Recreation Department, feeling a need for this service and having a staff member who has experience in the field of nature study, has pursued the establishment of a program of this type to a limited degree. Cooperation has been received from the International Water and Boundary Commission by allowing the use of a piece of property located on the Rio Grande which is under their jurisdiction for an environmental study program.

Central Clearinghouse
107 Cierega Street
Santa Fe, New Mexico 87501
(505) 982-4340
Contact: Joe Becker
A non-profit volunteer organization that provides material and literature of an environmental nature.

New Mexico Conservation Coordinating Council, Incorporated
Clifford S. Crawford, President
P.O. Box 142
Albuquerque, New Mexico 87103
(505) 277-3134, 277-2614
The Council provides a forum where diverse conservation-oriented organizations may find their common concerns and act upon them in a coordinated and efficient manner. Projects include influencing legislation and disseminating information to the public on issues and events affecting New Mexico's environment.

New Mexico Citizens for Clean Air and Water
P.O. Box 38
Corrales, New Mexico 87048

Environmental Education Laboratory
Mr. John B. Cox
P.O. Box 1927
Albuquerque, New Mexico 87103

Regional Environmental Education Research and Improvement Organization (REERIO)
Coordinator: Patricia Carver
New Mexico State University
Las Cruces, New Mexico 88001

New Mexico Conservation Coordinating Council
433 Maple Street, Northeast
Albuquerque, New Mexico 87106

New Mexico Vocational Agricultural Education Department

Institute for Social Research and Development, University of New Mexico

State Department of Agriculture

Kennecott Copper Corporation

State 4-H Clubs

New Mexico State Planning Agency

New Mexico Farm Bureau

New Mexico Association for Supervision and Curriculum Development

New Mexico Environmental Improvement Agency
PERA Building
College and W. Manhattan
Santa Fe, New Mexico 87501

RESOURCE MATERIAL AVAILABLE:

"Western Water, Challenges-and-Choices" contains a table listing all significant water quality data for each of the eleven western states. Published by the League of Women Voters Education Fund. To obtain this informative newsletter contact:

Mrs. William R. Prince
30 Barranca Road
Los Alamos, New Mexico 87544

Department of Education - Environmental Education Handbook for New Mexico Teachers.

POSSIBLE RESOURCE PERSONS:

Mr. Robert L. Chrisholm
Superintendent of Schools
Albuquerque Public Schools
724 Maple, Southeast
P.O. Box 1719
Albuquerque, New Mexico

Mrs. Evelyn McNeill
Member of NEA Task Force on Environmental Education
First grade teacher
Blue Water, New Mexico

Ms. Norma Ames
Game Management Division
Villagra Building
Santa Fe, New Mexico 87501

Bev K. Graham
Science and Conservation Specialist
Department of Education
Capitol Building
Santa Fe, New Mexico 87501

Patricia Carver
Coordinator of REERIO, has journalism background and lives in Las Cruces.

John Carver
Head of New Mexico Water Resources Research Institute, a resident of Las Cruces.

Hubert Cocklin
Manager of New Mexico operations of the Arizona Public Service Company, a resident of Farmington, New Mexico.

Lowery Davis
Dean of Continuing Education, New Mexico State University, is from Las Cruces.

Peter Hanagan
Executive Director of the Oil and Gas Association of New Mexico, resident of Santa Fe, New Mexico.

B. C. Hernandez
Chairman of the Board of the Department of Health and Social Services of New Mexico, from Albuquerque.

John Hernandez
Professor of civil engineering and director of the Environmental Institute at New Mexico State University, a resident of Las Cruces.

Robert Huber
Executive Director of the Taxpayers Association of New Mexico, from Santa Fe.

Robert Lewis
Governor of the Zuni Indian Pueblo, from Zuni.

Grady Mayfield
President of the New Mexico State Board of Education, a resident of Las Cruces.

B. B. Smith
General Manager of Chinos Mines Division, Kennecott Copper Corporation, from Hurley.

William Stephens
State Director of Agriculture, from Las Cruces.

Alvin Stockton
First Vice President of the New Mexico Cattlegrowers Association and member of Interstate Streams Commission, from Raton.

Gerald W. Thomas
President of REERIO and New Mexico State University, from Las Cruces.

Jack Campbell
Ex-governor and former head of Institute of Social Research and Development, University of New Mexico, from Santa Fe.

OKLAHOMA

STATE E.E. CONTACT:

Howard Potts
State Department of Education
Instruction Division
4545 N. Lincoln Blvd
Suite 164
Oklahoma City, Oklahoma 73105
(405) 521-3361

There is an Enviromnental Education Staff, created under Title V, located at the State Department of Education and reporting to the Commissioner.

STATE PLAN ACTIVITIES:

There is no official state plan for Environmental Education.

ENVIRONMENTAL EDUCATION
Howard Potts
Environmental Education Specialist
Instructional Division
State Department of Education
July, 1971

This article is an attempt to briefly describe an aspect of education that many teachers may thus far be unfamiliar with. I refer to what I prefer to label "Environmental Education."

"Pollution" and "ecology" are much in the news today. Unfortunately, the two terms have synonomous meaning to many people, including far too many educators and other professionally trained individuals. It is not uncommon to find "litter" also equated to these two terms.

Technically speaking, "ecology" is the science discipline which deals with the inter-relationships between organisms and the total environment; environment (one's surroundings) in this sense includes both other organisms (biological environment) and the non-living or physical factors such as water, minerals, and air (physical environment).

Perhaps the concept of "pollution" can be clarified. In general, "pollution" is the presence of undesirable materials, substances, or energies in a given medium. Descriptive, qualitative, and quantitative terms may be used to define a particular type of pollution. Usually, the quantitative aspect becomes a determining factor in our labeling a given medium "polluted" or "un-polluted" ("clean"). For example, the presence of some solid particles in the air is natural and desirable (essential for water vapor

condensation to occur). However, if the number and/or kind of particles are sufficiently increased, then the air is termed "polluted." Also, to consider the qualitative aspect, there are numerous solids and other liquids present in small amounts in the water of streams, lakes, and oceans which cause little concern. In contrast, the presence of mercury, is considered "polluted."

Hopefully, the reader will not be bored by this attempt to clarify the meaning of terminology.

I have chosen to use the title "Environmental Education" for the educational program or approach which I"m working with because this program can and should include concepts of and information about ecology, conservation, conservation management, pollution - including abatement and control, litter, solid wastes, sewage treatment, water treatment, wildlife management and preservation, resource wastes, resource depletion, population studies, outdoor education, appreciation of nature and beauty, and the role of the individual in improvement and preservation of an environment suitable - preferably optimal - for future generations of man to live in.

The major goals of environmental education are having students become (1) knowledgeable of the interrelated biological, physical, social, cultural and governmental aspects of the environment; (2) aware of the various environmental problems, their causes, available alternatives for solution, and likely consequences of alternatives selected, developed, and implemented as solutions; and (3) motivated, determined, and dedicated enough to keep himself well-informed, initiate action where and when needed, intelligently exercise his voting rights and responsibilities, and engage individually in the work, activities, and practices necessary to achieve a more favorable, lasting environment.

Traditionally, our nation has looked to the schools in times of need. In the late fifties and throughout the sixties, much emphasis was placed upon the sciences and mathematics relative to the space programs. Now we are beginning to realize that unless we implement some changes in our way of life and our technologies we are going to experience some very serious and monumental environmental problems. The very base of the environmental problems facing us is a rapidly increasing population (calculated to double in thirty-five years at the present rate) on the closed-system "Spaceship Earth" with a finite resource supply. In view of this reality, the challenge becomes one of changing the attitudes of many individuals while hopefully initially establishing proper attitudes with the very young.

It is hoped that with the development and implementation of environmental education programs into our schools the proper attitudes can be developed and the goals discussed earlier in this article accomplished.

A multi-disciplinary approach seems most logical for teaching environmental/ecological concepts and understandings in the elementary grades. Thus, State Department of Education efforts are being directed toward this means. At the secondary level, our efforts are directed toward incorporating and integrating appropriate environmental/ecological concepts into existing natural sciences and social studies courses. This approach should reach every student whereas separate courses of an elective, highly-specialized nature would probably reach only a select few. However, a few high schools in the state are planning "Ecology," "Environmental Education," or "Conservation of Natural Resources" course offerings for the 1971-72 school year as enrichment. While emphasis is placed on the sciences and social studies at the secondary level, it is our intent not to discourage any instructor in any discipline area from developing and using environmentally-related instruction and activities in his classes. It is the opinion of the writer that the reading teacher has many opportunities to participate in this endeavor through use of environmental information materials in the reading program. The English teacher seemingly has numerous opportunities through compositions, discussion, speech, drama, debate, and research activities. Teachers of art can do much through poster design and contests; stress theme of poster and art ability separately.

Information and comments throughout the remainder of this article will hopefully familiarize the reader with environmental education endeavors thus far, future plans, and services available to the teacher.

The writer was employed in July, 1970 as Specialist in Environmental Education (a new position) in the Instructional Division of the State Department of Education. Since that time, consultant services have been available to teachers, throughout the state, who expressed interest in including environmental instruction in their classes taught. The teacher or school system must take the intitative and extend the invitation for the consultant to come to his school, however.

Eleven workshops have been conducted in which aims, goals, and activities relative to environmental education have been considered. Most of these have been professional-day workshops on a school, school district, or county-wide basis. Specialists in other subject areas also participate in the workshops so

teachers can usually choose to attend three of four forty-five minute to one-hour sessions which interest them.

There are presently some good environmental education programs in operation in the state.

The Ada and Moore Schools utilize the facilities of the Goddard Youth Camp near Sulphur for week-long programs. Ada involves sixth and eighth-grade students (separately); Moore offers the program to fifth-graders. Both schools use a modification of the "strands" approach of the NEED (National Environmental Education Development) program developed by the Educational Consulting Service for the National Park Service.

Guthrie has a program in operation which has primarily been developed locally. All sixth-grade students participate in a rather varied program conducted at a local church campgrounds.

The fifth-grade students in Pawnee are involved through the art classes. Local Soil Conservation Services personnel help coordinate the program. A "Conservation Fair" and day-long "Conservation Tour" conclude the program.

University High School in Norman has a program for some of the eighth-graders and sophomores in which the week is spent at the University of Oklahoma Biological Station on Lake Texoma. A few seniors are included in a somewhat-sought-after or privileged leadership role.

As mentioned earlier, at least six high schools have plans for adding either an "Ecology," "Environmental Education," or "Conservation of Natural Resources" course, elective in nature, to their curriculum beginning with the opening of the 1971-72 school year.

Also, some schools are attempting to develop an environmental approach to their general science course offering.

If you as a teacher are interested in bringing environmental education into your educational program, contact the writer in the Instructional Division of the State Department of Education, 110 State Capitol, Telephone (405) 521-3333, Oklahoma City, Oklahoma 73105. Again, consultant services, lists of information and materials, and workshops are available to you upon your request. The "Curriculum Guide and Instructional Activities for Environmental Education" booklet will be ready sometime this fall.

LEGISLATION:

The State Legislature has passed recently the Oklahoma Solid Waste Management Act which requires all cities, towns, and organized communities to provide an approved facility for disposing of their solid wastes. The State Department of Health has the primary enforcement responsibility. More recently additional regulations have been adopted to protect against excessive atmospheric pollution.

JCR-102 - That East Central State College be designated as the official Environmental Information and Media Center for the State of Oklahoma. (Regents for higher education subsequently made the designation, officially creating the Center in February, 1971.)

E.E. PROGRAMS FUNDED FOR 1972:

Daniel Blanchard
The American Institute of Discussion
P.O. Box 103
Oklahoma City, Oklahoma 73101

Development of television discussion programs and follow-up kits for dissemination to the general public.

Gary McNaught
U.S. Jaycees Foundation
Box 7
Tulsa, Oklahoma 74102

For the training of members of a national organization to serve as volunteer community E.E. instructors.

SCHOOL PROGRAMS AND ACTIVITIES:

Ada City Schools - Environmental Education. sixth and eighth grades

Director - Outdoor School
Ada City Schools
Box 1359
Ada, Oklahoma 74820
(405) 332-6800

Guthrie Schools (Logan County) Outdoor Education

Mrs. Linda Tontz
Banner School
Guthrie, Oklahoma 73044
(405) 282-3799

Conservation of Natural Resources

Jerry Brown, Teacher
Edmond High School
Edmond, Oklahoma 73034
(405) 341-1833

Richard Hix, Teacher
Wagoner High School
Wagoner, Oklahoma 74467
(918) 485-3023

Conservation Education - fifth grade

Coyle Smith, Elementary Principal
Pawnee Elementary School
Pawnee, Oklahoma 74058
(918) 762-2124

Ecology

Vince Miller, Teacher
College High School
Bartlesville, Oklahoma 74003
(918) 336-3311

Oklahoma Environmental Information and Media Center
East Central State College
Ada, Oklahoma 74820
Dr. Robert Garner, Director
(405) 332-8000 ext. 2307

Environmental Science (at high school)
Mr. Jim Pigg
Biology Department
Moore High School
Moore, Oklahoma 73160
(405) 794-1531

Ecology

Mrs. Mary Guess
Bethany High School
Bethany, Oklahoma

Ecology

Clarence Shay
Lawton Eisenhower High School
52nd and Gore
Lawton, Oklahoma 73501
(405) 355-9144

Ecology

John Field, Science Teacher
Memorial High School
Tulsa, Oklahoma 74145
(918) 627-0090

Moore Public schools - E.E. The professional staff of the Moore Schools is currently making some commendable efforts relative to E.E. Moore fifth graders participate in the NEED (National E.E. Development) program at the Goddard Youth Camp near Sulphur, Oklahoma. This year experimental class sections of environmental science courses are being taught (team approach) at the high school. The team consists of one science teacher and one social studies teacher.

UNIVERSITY AND COLLEGE PROGRAMS AND ACTIVITIES:

Environmental Research Center
Edward S. McKay, Director
University of Tulsa
Tulsa, Oklahoma 74104
(918) 939-6351, Ext. 246

The Center was created to develop programs of research which will best contribute toward the solution of local and state environmental problems. These problems are investigated by the teams of faculty researchers in the areas of pollution, water resources, waste disposal, environmental biology, and science systems.

Oklahoma Academy of Science
J.Teague Self, Secretary
730 VanVleet Oval
University of Oklahoma
Norman, Oklahoma 73069
(405) 325-3001

The Academy endeavors to stimulate scientific research and to promote a fraternal relationship among those engaged in scientific research in Oklahoma. It disseminates to citizens of the state knowledge of the various departments of science as well as investigates and publishes material regarding scientific education and natural resources of the state.

School of Environmental Science
East Central State College
Ada, Oklahoma 74820

Oklahoma State University Extension Service
Stillwater, Oklahoma 74074

Oklahoma Environmental Information and Media Center
Director: Dr. Robert Garner
East Central State College
Ada, Oklahoma 74820
(405) 332-8000 Ext. 3088

GROUPS AND AGENCIES WITH INTEREST IN E.E.:

Oklahoma State Regents for Higher Education
Room 118, State Capitol
Oklahoma City, Oklahoma 73105
Chancellor: E. T. Dunlap
(405) 521-2444

Submitted a proposal for funds for developing a state plan for FY72 funding (which was not funded).

Southwest Oklahoma Community Action Group, Inc. (serving Greer, Harmon, and Jackson counties)
President: Monroe Chadwick
Director: Fred Beihl
P.O. Box 811
Altus, Oklahoma 73521
(405) 482-5040

Oklahoma Department of Wildlife Conservation
Dean Graham, Chief, Information-Education Division
1801 North Lincoln
Oklahoma City, Oklahoma 73105
(405) 521-3855

Environmental Health Services
State Department of Health
10th and Stonewall
Oklahoma City, Oklahoma 73105

POSSIBLE RESOURCE PEOPLE:

John Bradley
Committee for Oklahoma
618 N.E. 15th Street
Oklahoma City, Oklahoma 73104

TEXAS

STATE E.E. CONTACT:

C. S. Story
Program Director
Science Department
Texas Education Agency
201 East 11th Street
Austin, Texas 78711
(512) 475-3653

STATE PLAN ACTIVITIES:

The Texas State plan was funded from the Office of Environmental Education for 1972. The plan will: 1) completely review present E.E. programs in Texas and evaluate the need for programs; 2) produce an E.E. checklist for use by local and regional agencies, organizations, public school districts and higher education institutions; 3) establish a state clearinghouse with consulting assistance and interregional information; 4) implement a public multi-media information dissemination program; 5) create local community involvement through an E.E. Week.

Environmental Education guidelines for grades K-12 are being written with publication scheduled for the spring of 1974.

E.E. PROGRAMS FUNDED FOR 1972:

Margaret Warren
Dallas Public Library
2954 Commerce Street
Dallas, Texas 75201

This program developed a list of environmental resources and resource personnel.

Harold Box
University of Texas
FAIA, Department of Architecture
Arlington, Texas 76010

The program developed a process for inservice training of university personnel in environmental education.

SCHOOL PROGRAMS AND ACTIVITIES:

"The Child and His Community Environment"
M. T. McLean, Director
Austin Public Schools, 6100 North Guadalupe
Austin, Texas 78752

Outdoor Education
Jim Dudley, Director
Tyler Public Schools, Box 237
Tyler, Texas 75701

Tyler Public Schools operate Camp Tyler, a five day camping experience for 5th and 6th grades.

"Outdoor Education and Human Development"
E. J. Wranosky, Director
Flour Bluff Public School
2505 Waldron Road
Corpus Christi, Texas 78418

Billy M. Hollifield
Plano Public Schools
1717 17th Street
Plano, Texas 75704

Environmental Education
Robert Vines, Director
Spring Branch Public Schools
955 Campbell Road
Houston, Texas 77024

Coastal Bend's Living Library
John P. Sprinkle, Director
Corpus Christi Public Schools
P. O. Drawer 110
Corpus Christi, Texas 78403

Center for Research in Water Resources
Earnest F. Gloyna, Director
University of Texas
Austin, Texas 78712
(512) 471-3434

The Center, along with its Applied Water Resources Research Facility, provides a regional center of expertise and a repository of knowledge for use in research and education, as well as practical projects, planning, and regulatory bodies. The Center offers a stimulus for attracting graduate students and faculty into disciplines related to water resources in presenting a unique interdisciplinary program for water resources research in law, engineering, and the biological, physical, and social sciences.

Ft. Worth Independent School District
3210 West Lancaster
Ft. Worth, Texas 76107

This district has acquired 228 acres of land to be utilized as an Outdoor Learning Center. A preliminary curriculum is being developed for fifth grade teachers. At the secondary level, environmental education is a part of the science and health educational programs.

GROUPS AND AGENCIES WITH INTEREST IN E.E.:

Environmental Coalition of North Central Texas
Box 1974 University Station
Arlington, Texas 76010

University Committee on Environmental Studies
University of Texas at Arlington
Arlington, Texas 76010
Chairman: James Caffey, Professor of Civil Engineering

Resources of the Committee are rooted in all schools of the University: Engineering, Science, Liberal Arts, Business, Social Work and Urban Studies.

Dallas-Fort Worth Section of the American Society of Landscape Architects
Environmental Liaison Officer: Richard Myrick

Institute for Advance Environmental Studies
Kirby Hall
306 West 29th Street
Austin, Texas 78705

An independent graduate level educational institution for conducting pioneering kinds of programs focused on regional environmental problems.

El Paso Environmental Conservation Education Council
El Paso, Texas
President, Dr. James Milson
University of Texas at El Paso

Institute of Urban Studies
Sydney C. Reagan, Director
Southern Methodist University
Dallas, Texas 75222
(214) 363-5611, Ext. 2291

The Institute conducts interdisciplinary studies and research in urban and regional fields and coordinates these results with those of other universities and organizations. It also obtains financing for research projects and programs and promotes interaction between the University and community through seminars, publications, periodicals, and conferences.

Welder Wildlife Foundation
Clarence Cottam, Director
P.O. Box 1400
Stinton, Texas 78387
(512) 364- 2643

The Welder Wildlife Foundation is dedicated to the cause of conservation through research and education in wildlife preservation and other related areas. The Foundation has a small staff and sponsors research and fellowships to promising students of the environment.

Texas Committee on Natural Resources
Edward C. Fritz, Chairman
4144 Cochran Chapel Road
Dallas, Texas 75201

The Committee endeavors to assist in coordinating efforts of conservation organizations in Texas by functioning as a meeting-group of leaders from such groups in seeking to conserve the state's natural resources.

Museums

Natural Science Center
Austin, Texas

Heard Natural Science Museum
McKinney

Ft. Worth Children's Museum
Ft. Worth, Texas

Earth Awareness Foundation
1275 Space Park Drive
Houston, Texas 77058

"Earth, I Care" is the motto of the Foundation, a non-profit organization. Professionals in motivation, communication and human relations, who conceived and implemented the Manned Flight Awareness Program for the U.S. Space Agency, are the architects of the Earth Awareness Foundation and continue to work with this activity and guide its efforts. The foundation assists local and national organizations, both public and private, and provides the necessary media for exchanging, on a wide geographic basis, information and views of general interest and concern.

POSSIBLE RESOURCE PEOPLE:

Nevenna Travis
Texas System of Natural Laboratories
P.O. Box 7141
University Station
Austin, Texas 78717
(512) 478-5486 or 478-2938

Addison Lee
University of Texas
Austin, Texas

Wiming Lu
Assistant Director
Department of Planning and Urban Development
Dallas, Texas

Expert in planning; an urban design critic

Joseph Malina, Director
Environmental Health Engineering
Civil Engineering Department
University of Texas
Austin, Texas

Clarence Cottam
Wilder Wildlife Foundation
Sinton, Texas

Exalton Delco
Dean of the College
Huston-Tillotson
Austin, Texas

Life scientist and currently co-director, Resources and Environment Seminar

Corwin Johnson
Charles I. Francis Professor of Law
Law School
University of Texas
Austin, Texas

Land and water use and environmental law are among his areas of specialization

Keith Young
Professor of Geological Sciences
University of Texas
Austin, Texas

Widely respected earth scientist and contributor to a variety of environmental courses offered by the University of Texas.

Sinclair Black
Member of Faculty of School of Architecture
University of Texas
Austin, Texas

Faculty sponsor of student organization known as "The Round Earth Society"

Guy Louis Bush
Professor of Zoology
University of Texas
Austin, Texas

Faculty Sponsor of the University of Texas student Ecology Action group.

Peter Oakley Coltman
Professor of Community and Regional Planning and Architecture
University of Texas
Austin, Texas

Presently in England for a year of teaching and study of such developments as the latest generation of English New Towns.

John W. Arm
State Resource Conservationist
Soil Conservation Service
P. O. Box 748
Temple, Texas 76501

Joseph Strehle
Region IV Education Service Center
202 North Loop West
Houston, Texas 77018

Delmar Janke
1221 Berkley
College Station, Texas 77840

Dr. D. A. Anderson
Texas Forest Service
College Station, Texas 77843

John H. Courtenay
Forest Supervisor
Federal Building
P. O. Box 969
Lufkin, Texas 75901

Audean Allman
Texas Southern University
Houston, Texas

John Falkenburg
Ft. Worth I.S.D
3200 W. Lancaster
Ft. Worth, Texas 76107

James Milson
College of Education
University of Texas at El Paso
El Paso, Texas 79900

Tom Wolfe
Institute for Advanced Environmental Studies
Kirby Hall
306 W. 29th Street
Austin, Texas 78705

Charles K. Sigler
District Ranger
U.S. Forest Service
P. O. Box 393
New Waverly, Texas 77358

Eugene E. Horton
Earth Awareness Foundation
1730 NASA Boulevard
Houston, Texas 77058

Harold Jobes
Texas Water Quality Board
314 W. 11th Street
Austin, Texas 78701

Dr. Art Atkisson, President
Environmental Coalition of Texas
Houston, Texas

The Texas Advisory Council on Environmental Education (TACEE):

Joe B. Harris
TACEE Chairman
Office of the Governor
Austin, Texas 78701

Terry Leifeste, Environmental Consultant
Office of the Governor
Division of Planning Coordination
Austin, Texas 78701

Mike Naeve
Office of the Governor
Division of Planning Coordination
Austin, Texas 78701

Rudolfode la Garza
Southwest Educational Development Laboratory
Austin, Texas

Reynell Parkins
The University of Texas at Austin
Austin, Texas 78712

Calvin Hibler, Secretary
Coordinator for Environmental Education
Texas Education Agency
201 East 11th Street
Austin, Texas 78701
(512) 475-3327

Phillip L. Wilson
Texas Highway Department
Austin, Texas

Charles W. Nix, Interim Chairman
Associate Commissioner for Planning
Texas Education Agency
201 East 11th Street
Austin, Texas
(512) 475-2066

Earl Grabhorn
Educational Representative
Mid-Continent Oil and Gas Association
2920 Southland Center
Dallas, Texas 75201
(214) 748-8861

C. B. Alexander
State Director
U. S. Brewers Association
905 International Life Building
Austin, Texas 78701
(512) 478-6574

W. D. Colegrove
Manager of Community Services
Dow Chemical Company
B1201 Building
Freeport, Texas 77541
(713) 238-1227

J. W. Edgar
Commissioner of Education
Texas Education Agency
201 East 11th Street
Austin, Texas
(512) 475-3271

Irene St. Clair
Coordinator for Program Development
Texas Education Agency
201 East 11th Street
Austin, Texas
(512) 475-3653

Bevington Reed
Commissioner of Higher Education
Coordinating Board, Texas College and University System
1113 State Finance Building
Austin, Texas
(512) 475-4361

Gordon Flack
Assistant Commissioner for Federal Programs and Facilities
Coordinating Board, Texas College and University System
1113 State Finance Building
Austin, Texas
(512) 475-2091

P. Burgess Griesenbeck
State Coordinator for League of Conservation Voters and Friends of the Earth
903-B West 34th Street
Austin, Texas 78705
(512) 452-2233

Wilbur Hurt
Director of Community and Technical Services
Coordinating Board, Texas College and University System
1113 State Finance Building
Austin, Texas
(512) 475-3413

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Coordinator for Environmental Education
Texas Education Agency
201 East 11th Street
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(512) 475-3327